

Film surface of sample made in accordance with Niu's filtration technique

*Polypyrrole:Nanotube ratio 12.5:1*

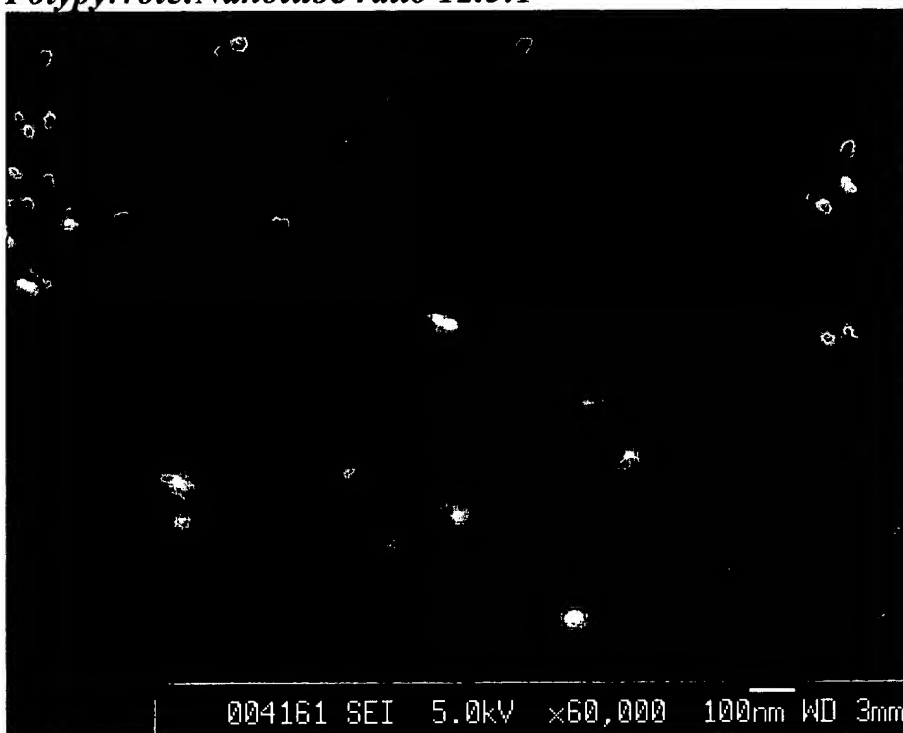


Figure 1

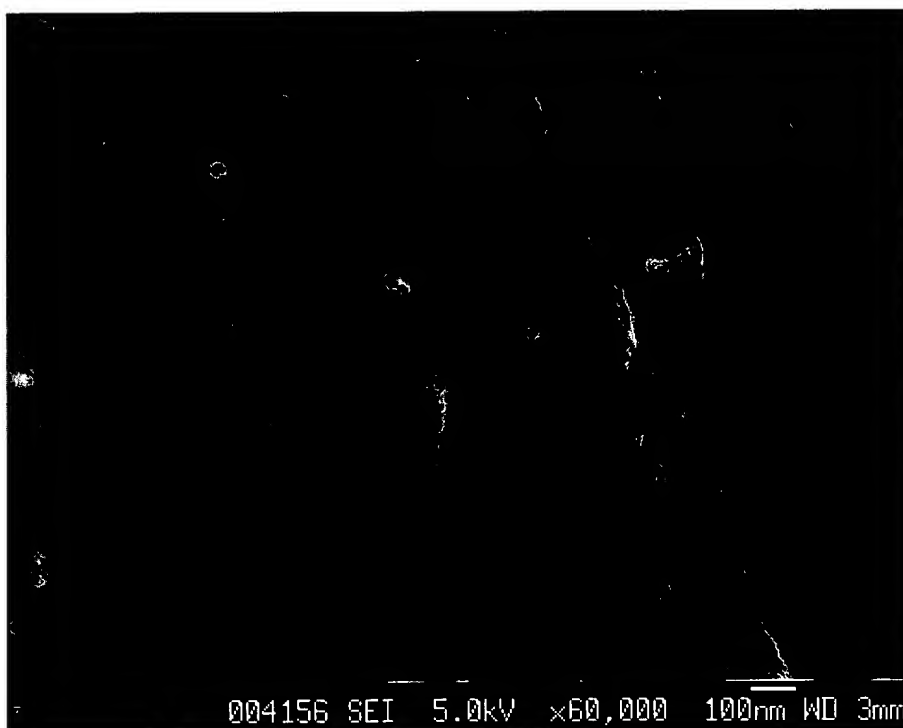


Figure 2



Film surface of sample made in accordance with Niu's filtration technique

*Polypyrrole:Nanotube ratio 1:1*

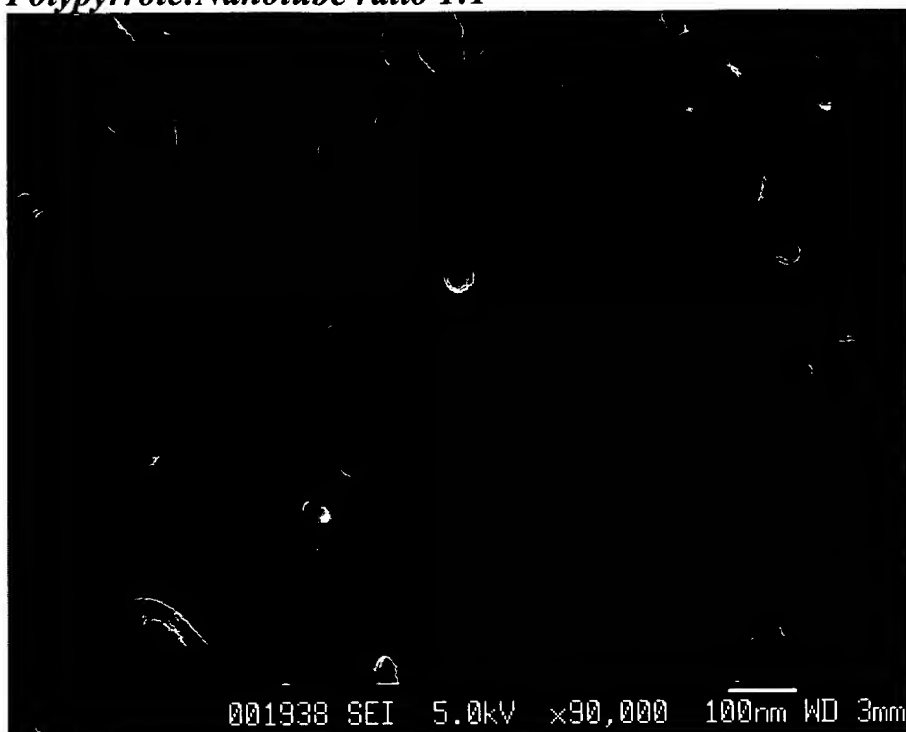


Figure 3

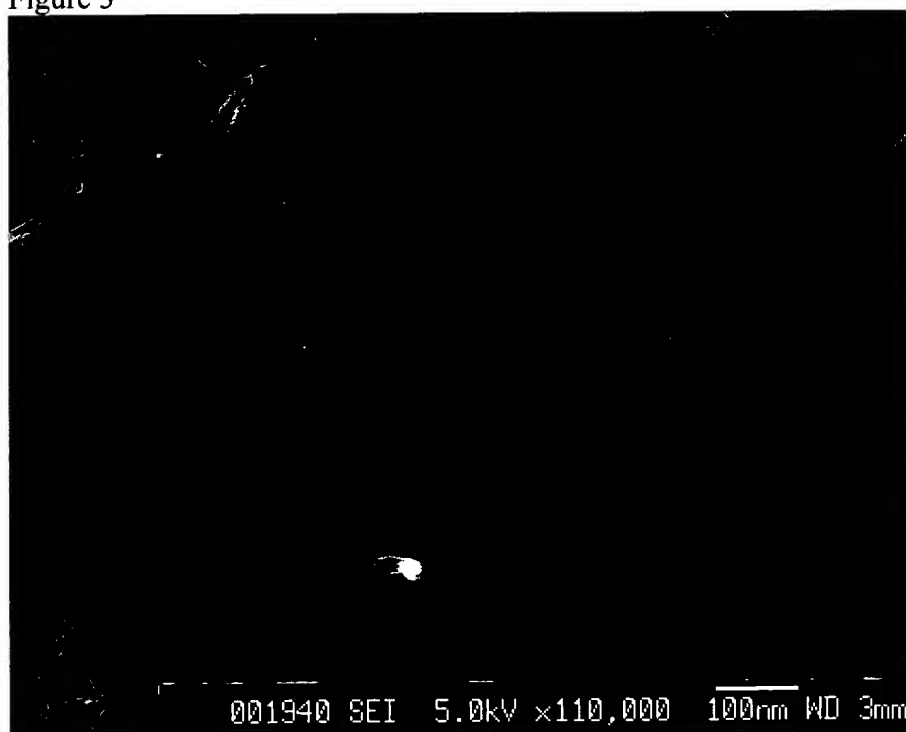
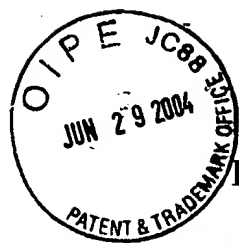


Figure 4



Film surface of sample made using our electrochemical techniques

*Polypyrrole:Nanotube ratio 142:1*

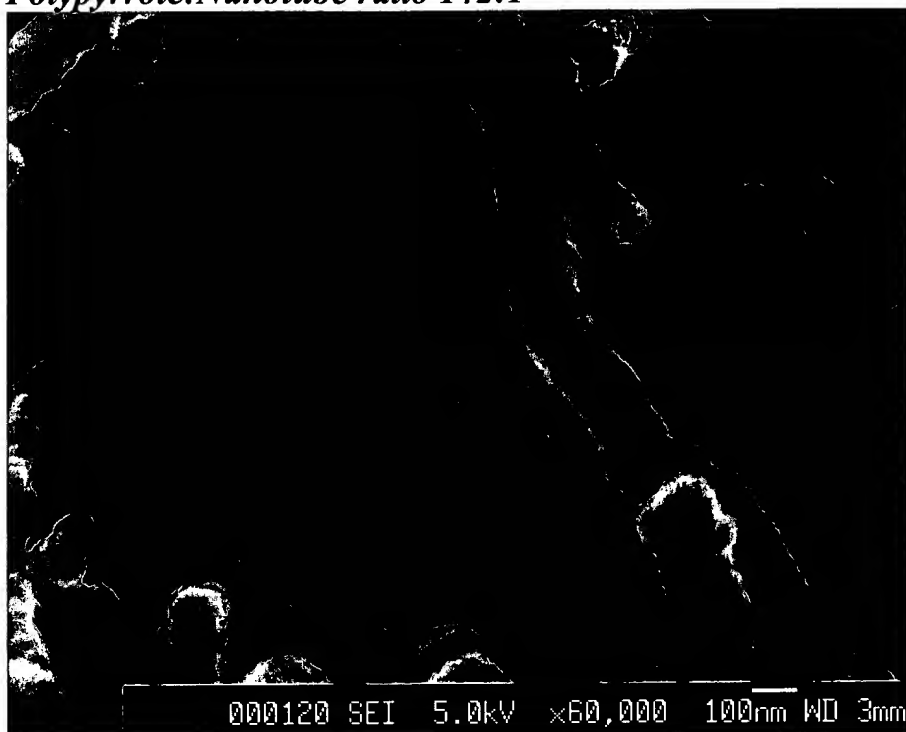


Figure 5

*Polypyrrole:Nanotube ratio 18:1*

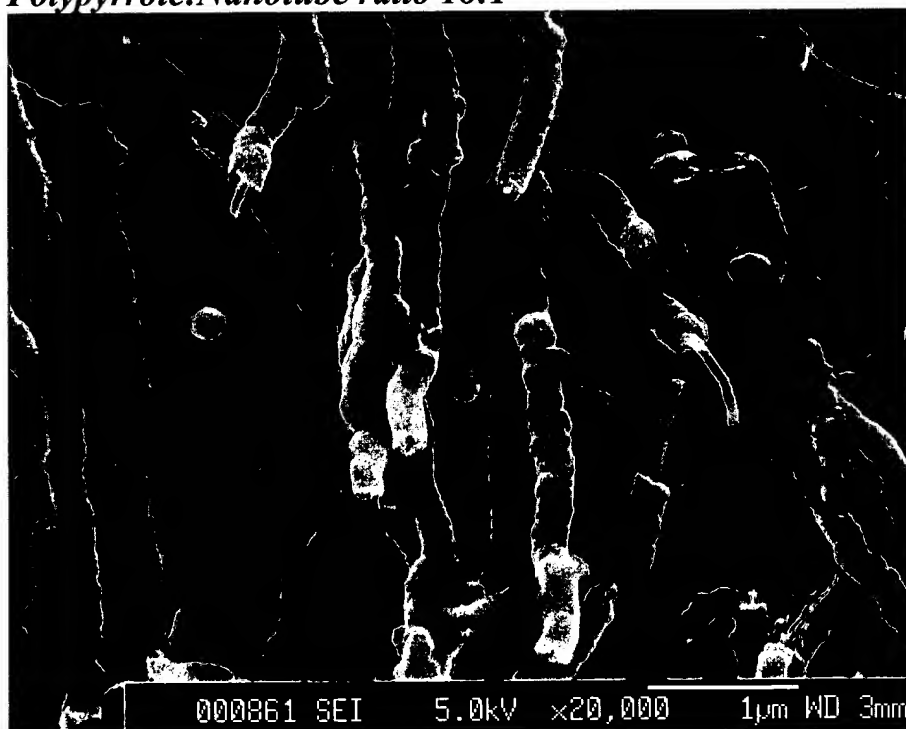


Figure 6